

STATE OF NEW HAMPSHIRE
INTRA-DEPARTMENT COMMUNICATION

FROM


Matt Urban
Wetlands Program Manager

DATE August 16, 2016
AT (OFFICE) Bureau of Environment

SUBJECT Wetland Bureau Permit # 2016-00181
Alexandria, 40244

TO Steve Johnson, Bureau of Bridge Maintenance

Forwarded herewith, for your files and further use as appropriate, is a copy of the subject permit as approved by the Wetlands Bureau and the Water Division on 4/14/2016.

Please note specific conditions on permit.

TERRAIN ALTERATION

Note that the non-site specific permit (RSA 485-A: 17 "Terrain Alteration") is part of this Wetlands Bureau Permit.

WATER QUALITY CERTIFICATION

- This permit covers the project's consideration for Water Quality protection and no further action is required by this office.
- This permit does not cover the Water Quality protection for this project. However, a Water Quality Permit will be obtained for this project.

CORPS PERMIT STATUS

- No Corps Jurisdiction
- SPGP (Minimum Impact) - No waiting period; no Corps approval required
- SPGP (Minor Impact)-Wait 30 days from NHWB issuance date; no written approval from Corps required
- SPGP (Major Impact)-Wait 30 days from NHWB issuance date; written approval from Corps required
- Emergency - No waiting period; No written approval from Corps required
- Amendment - No waiting period; No written approval from Corps required
- Corps Individual Permit Required

COASTAL ZONE MANAGEMENT (CZM) STATUS

- Outside of Coastal Zone-consistency finding not necessary from OSP
- Within Coastal Zone (Non-Federal Action)-consistency finding not necessary from OSP
- Within Coastal Zone (Federal Action)-if covered by SPGP, or no Corps' jurisdiction, consistency finding is automatic from OSP
- Within Coastal Zone (Federal Action)-if individual Corps permit, written consistency finding is necessary from OSP

EROSION CONTROL PLAN STATUS

- Erosion Control Plan Required; Submit Erosion Control Plan to DES Wetlands Bureau

If you have any questions, please call 271-3226.

MRU:sel

Encl.

Steve Johnson, Bureau of Bridge Maintenance
Anthony Weatherbee, Bureau of Bridge maintenance
Randy Talon, Environmental Coordinator



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

**NOTE--
CONDITIONS**

WETLANDS AND NON-SITE SPECIFIC PERMIT 2016-00181

Permittee: NH Dept Of Transportation, PO Box 483, Concord, NH 03302-0483
Project Location: Fowler River Road, Alexandria
Waterbody: Bog Brook

APPROVAL DATE: 04/14/2016

EXPIRATION DATE: 04/14/2021

Based upon review of the above referenced application, in accordance with RSA 482-A and RSA 485-A:17, a Wetlands Permit and Non-Site Specific Permit was issued. This permit shall not be considered valid unless signed as specified below.

PERMIT DESCRIPTION: Rehabilitate and place rip rap to stabilize the Fowler River Road Bridge over Bog Brook impacting a total of 3,864 square feet and 301 linear ft. (3,041 sq. ft. and 197 linear ft. temporary) of riverine wetlands. Restore 104 sq. ft. of stream bed by the removal of the center pier. Mitigation for the remaining proposed impacts is through a payment into the Aquatic Resource Mitigation Fund. DOT Project #40244.

THIS APPROVAL IS SUBJECT TO THE FOLLOWING PROJECT SPECIFIC CONDITIONS:

1. All work shall be in accordance with plans by Stat of NH Bureau of Bridge Maintenance dated May 15, 2014, as received by the NH Department of Environmental Services (DES) on January 19, 2016.
2. If any work associated with the project authorized by this permit will encroach on an abutter's property, then prior to starting work the permittee shall (1) obtain temporary construction easements or other written agreements from the owner of the abutting property, and (2) submit a copy of each agreement to the DES Wetlands Program.
3. No person undertaking any activity shall cause or contribute to, or allow the activity to cause or contribute to, any violations of the surface water quality standards in RSA 485-A and Env-Wq 1700.
4. The permittee shall contact the NH Fish & Game Department, Nongame and Endangered Wildlife Program, to address identification and movement of any Wood Turtle encountered during construction.
5. Work shall be done during low flow and in the dry only.
6. Appropriate siltation and erosion controls shall be in place prior to construction, shall be maintained during construction, and shall remain until the area is stabilized. Temporary controls shall be removed once the area has been stabilized.
7. Appropriate turbidity controls shall be installed prior to construction, shall be maintained during construction such that no turbidity escapes the immediate dredge area and shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
8. Work shall be conducted in a manner so as to minimize turbidity and sedimentation to surface waters and wetlands.
9. The contractor responsible for completion of the work shall use techniques described in the New Hampshire Stormwater Manual, Volume 3, Erosion and Sediment Controls During Construction (December 2008).
10. Erosion control products shall be installed per manufacturers recommended specifications.
11. Mulch used within the bank restoration areas shall be natural straw or equivalent non-toxic, non-seed-bearing organic material.
12. Extreme precautions shall be taken within riparian areas to prevent unnecessary removal of vegetation during construction. Areas cleared of vegetation must be revegetated with like native species

DES Web site: www.des.nh.gov

P.O. Box 95, 29 Hazen Drive, Concord, New Hampshire 03302-0095

Telephone: (603) 271-3503 • Fax: (603) 271-6588 • TDD Access: Relay NH 1-800-735-2964

within three days of the completion of the disturbance.

13. No machinery shall enter the water.

14. No excavation shall be done in flowing water. No construction equipment shall be operated in flowing water.

15. Filter fabric shall be installed under the rip-rap where appropriate.

16. Prior to commencing work on a substructure located within surface waters, the permittee or permittee's contractors shall construct a cofferdam to isolate the substructure work area from the surface waters.

17. Cofferdams shall not be installed during periods of high flow, whether due to seasonal runoff or precipitation. Once the cofferdam is fully effective, confined work can proceed without restriction.

18. Work within the stream, inclusive of work associated with installation of a cofferdam, shall be done during periods of low flow only. The permittee shall monitor local weather forecasts to avoid working during or following precipitation events.

19. Discharge from dewatering of work areas shall be to sediment basins that are: a) located in uplands; b) lined with hay bales or other acceptable sediment trapping liners; c) set back as far as possible from wetlands and surface waters, with a preferred undisturbed vegetated buffer of at least 50 feet and a minimum undisturbed vegetative buffer of 20 feet.

20. Dredged materials, whether to be stockpiled or disposed of, shall be dewatered in sedimentation basins lined with siltation and erosion controls, and located outside of areas subject to RSA 482-A jurisdiction.

21. The temporary cofferdam shall be entirely removed within 2 days after work within the cofferdam is completed and water has returned to normal clarity.

22. Precautions shall be taken to prevent import or transport of soil or seed stock containing nuisance or invasive species such as Purple Loosestrife, Knotweed, or Phragmites. The contractor responsible for work shall appropriately address invasive species in accordance with the NHDOT Best Management Practices for Roadside Invasive Plants (2008).

23. Within three days of final grading or temporary suspension of work in an area that is in or adjacent to wetlands or surface waters, all exposed soil areas shall be stabilized by seeding and mulching during the growing season, or if not within the growing season, by mulching with tackifiers, netting and pinning. Matting shall be used on all slopes greater than 3:1 in all instances.

24. Where construction activities occur between November 30 and May 1, all exposed soil areas shall be stabilized within 1 day of establishing the grade that is final or that otherwise will exist for more than 5 days. Stabilization shall include placing 3 inches of base course gravels, or loaming and mulching with tack or netting and pinning on slopes steeper than 3:1.

25. Area of temporary impact shall be regraded to original contours following completion of work.

26. The permittee/permittee's contractor shall regrade temporary impacts to pre-construction conditions and plant native species similar to those within the wetland prior to impact. The permittee shall implement corrective measure promptly if needed to ensure the plantings survive.

27. Areas from which vegetation has been cleared to gain access to the site shall be replanted with similar native species.

28. The permittee or permittee's contractor shall properly construct, landscape, and monitor the restoration, and temporary impact areas, and shall take such remedial actions as may be necessary.

29. Materials used to emulate a natural channel bottom must be consistent with the streambed materials identified in the reference reach, and shall not include angular riprap or gravel unless specifically identified on the approved plans.

30. The permittee/permittee's contractor shall restore the banks to their original grades and to a stable condition within three days of completion of construction. Angular rock shall not be used unless it is on the approved plans.

30. This approval is contingent on receipt by DES of a one-time payment of \$5,280.00 dollars to the DES Aquatic Resource Mitigation (ARM) Fund. The payment shall be received by DES within 240 days of the date of the approval letter or the application will be denied.

GENERAL CONDITIONS THAT APPLY TO ALL DES WETLANDS PERMITS:

1. A copy of this permit shall be posted on site during construction in a prominent location visible to inspecting personnel;
2. This permit does not convey a property right, nor authorize any injury to property of others, nor invasion of rights of others;
3. The Wetlands Bureau shall be notified upon completion of work;
4. This permit does not relieve the applicant from the obligation to obtain other local, state or federal permits, and/or consult with other agencies as may be required (including US EPA, US Army Corps of Engineers, NH Department of Transportation, NH Division of Historical Resources (NH Department of Cultural Resources), NHDES-Alteration of Terrain, etc.);
5. Transfer of this permit to a new owner shall require notification to and approval by DES;
6. This project has been screened for potential impacts to **known** occurrences of rare species and exemplary natural communities in the immediate area. Since many areas have never been surveyed, or have received only cursory inventories, unidentified sensitive species or communities may be present. This permit does not absolve the permittee from due diligence in regard to state, local or federal laws regarding such communities or species.
7. Review enclosed sheet for status of the US Army Corps of Engineers' federal wetlands permit.

APPROVED: 
 Lori L. Sommer
 DES Wetlands Bureau

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BY SIGNING BELOW I HEREBY CERTIFY THAT I HAVE FULLY READ THIS PERMIT AND AGREE TO ABIDE BY ALL PERMIT CONDITIONS.


 OWNER'S SIGNATURE (required)

 CONTRACTOR'S SIGNATURE (required)



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

July 14, 2016

NH Dept. of Transportation
PO Box 483
Concord, NH 03302-0483

RE: New Hampshire Department of Environmental Services (NHDES)
Wetlands Bureau File #2016-00181, 40244, FOWLER RIVER ROAD, ALEXANDRIA

Dear Sir or Madam:

This letter confirms the receipt of \$5,280 for rehabilitation and rip-rap placement to stabilize the Fowler Road Bride for the sale of 7.3 stream credits and 0.09 wetland credits to compensate for the following impacts to habitats in the Pemigewasset-Winnepesaukee Rivers watershed/service area. These impacts are authorized by NHDES and the Corps permits as follows:

# of Credits	Wetland Type	Service Area
0.09	Riverine (R2UB) -permanent impacts	Pemigewasset-Winnepesaukee Rivers
7.3	Stream impacts (14 feet of left bank and 8 feet of right bank)	Pemigewasset-Winnepesaukee Rivers

By making this payment, the Permittee permanently transfers responsibility for the mitigation liability to DES, Aquatic Resource Mitigation (ARM) Fund Program. By accepting the mitigation payment, DES is solely responsible for use of these funds, less an administrative fee, to provide compensatory mitigation for the above-described impacts.

Sincerely,
Melvin S. Burack

for Lori L. Sommer
DES Wetland Mitigation Coordinator

cc. Ruth Ladd, US Army Corps of Engineers



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Thomas S. Burack, Commissioner

**NOTICE TO RECIPIENTS OF
MAJOR IMPACT NH WETLANDS PERMITS**

Your permit was approved by the New Hampshire Wetlands Bureau as a major impact project, and your project will be reviewed by the US Army Corps of Engineers for possible approval under the Army Corps New Hampshire State Programmatic General Permit – SPGP. The Army Corps will notify you within thirty (30) days as to whether you qualify.

*******NO WORK SHOULD BE DONE IN WETLANDS
UNTIL YOU RECEIVE THAT NOTICE*******

If you do not hear from the Army Corps within thirty (30) days, you should call them at 1-800-343-4789 (ME, NH, VT, CT, RI); 1-800-362-4367 (MA).

cc: US Army Corps. of Engineers